FILE 'HOME' ENTERED AT 13:48:28 ON 03 APR 2003

=> file registry
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

=> s captopril
L1   18 CAPTOPRIL

=> d l1

L1   ANSWER 1 OF 18 REGISTRY COPYRIGHT 2003 ACS
RN   474125-19-4   REGISTRY
CN   L-Proline, 1-[(2S)-3-mercapto-2-methyl-1-oxopropyl]-, mixt. with
     6-chloro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide (9CI)   (CA
     INDEX NAME)
OTHER NAMES:
CN   **Captopril-thiazide**
FS   STEREOSEARCH
MF   C9 H15 N O3 S . C7 H6 Cl N3 O4 S2
CI   MXS
SR   CA
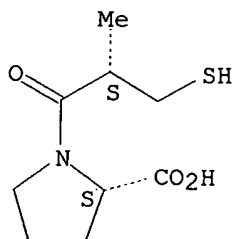LC   STN Files: CA, CAPLUS

     CM   1

     CRN 62571-86-2
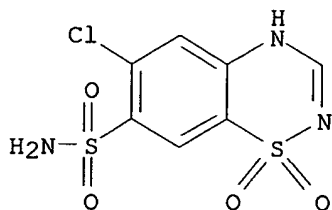   CMF C9 H15 N O3 S

Absolute stereochemistry. Rotation (-).

CM   2

    CRN 58-94-6
    CMF C7 H6 Cl N3 O4 S2

            1 REFERENCES IN FILE CA (1962 TO DATE)
            1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s cysteamine
L2   136 CYSTEAMINE

=> d 12

L2   ANSWER 1 OF 136 REGISTRY COPYRIGHT 2003 ACS
RN   272114-09-7 REGISTRY
CN   1H-Pyrrole-2-carbothioic acid, S-[2-(acetylamino)ethyl] ester (9CI)   (CA
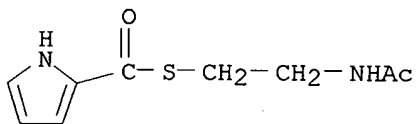   INDEX NAME)
OTHER NAMES:
CN   **Pyrrole-2-carboxylate N-acetylcysteamine thioester**
FS   3D CONCORD
MF   C9 H12 N2 O2 S
SR   CA
LC   STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

            4 REFERENCES IN FILE CA (1962 TO DATE)
            4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d 12 2-5

L2   ANSWER 2 OF 136 REGISTRY COPYRIGHT 2003 ACS
RN   272114-08-6 REGISTRY
CN   3-Furancarbothioic acid, S-[2-(acetylamino)ethyl] ester (9CI)   (CA INDEX
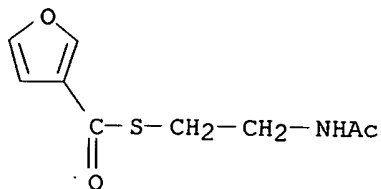   NAME)
OTHER NAMES:
CN   **Furan-3-carboxylate N-acetylcysteamine thioester**
FS   3D CONCORD
MF   C9 H11 N O3 S
SR   CA
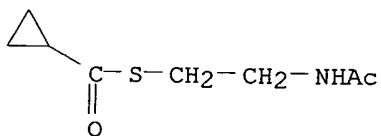LC   STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

                    3 REFERENCES IN FILE CA (1962 TO DATE)
                    3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2   ANSWER 3 OF 136   REGISTRY   COPYRIGHT 2003 ACS
RN   220541-92-4   REGISTRY
CN   Cyclopropanecarbothioic acid, S-[2-(acetylamino)ethyl] ester (9CI)   (CA
      INDEX NAME)
OTHER NAMES:
CN   **S-Cyclopropylcarbonyl-N-acetylcysteamine**
FS   3D CONCORD
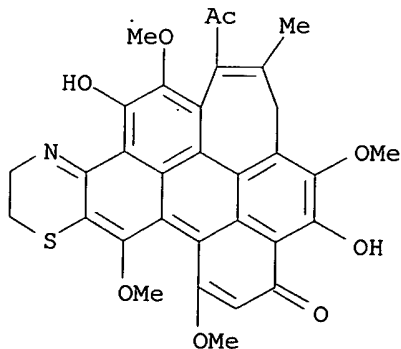MF   C8 H13 N O2 S
SR   CA
LC   STN Files: CA, CAPLUS

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

                    1 REFERENCES IN FILE CA (1962 TO DATE)
                    1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2   ANSWER 4 OF 136   REGISTRY   COPYRIGHT 2003 ACS
RN   219982-93-1   REGISTRY
CN   Cyclohepta[9,10]perylo[2,1-b][1,4]thiazin-6(3H)-one, 1-acetyl-11,12-
      dihydro-5,14-dihydroxy-4,8,9,15-tetramethoxy-2-methyl-, radical ion(1-)
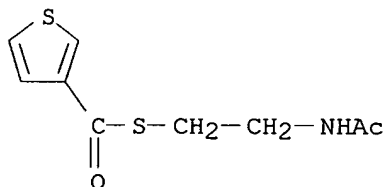   (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   **Hypocrellin B cysteamine complex semiquinone anion radical**
MF   C32 H27 N O8 S
CI   RIS
SR   CA
LC   STN Files: CA, CAPLUS

L2   ANSWER 5 OF 136 REGISTRY COPYRIGHT 2003 ACS
RN   219790-39-3 REGISTRY
CN   3-Thiophenecarbothioic acid, S-[2-(acetylamino)ethyl] ester (9CI)   (CA
      INDEX NAME)
OTHER NAMES:
CN   **Thiophene-3-carboxylate N-acetylcysteamine thioester**
CN   **Thiophene-3-thiocarboxylic acid S-(N-acetylcysteamine) ester**
FS   3D CONCORD
MF   C9 H11 N O2 S2
SR   CA
LC   STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

                    4 REFERENCES IN FILE CA (1962 TO DATE)
                    4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s ergothioneine
L3   4 ERGOTHIONEINE
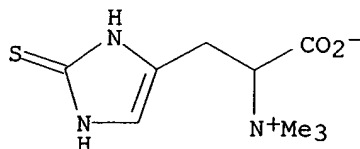
=> d l3

L3   ANSWER 1 OF 4 REGISTRY COPYRIGHT 2003 ACS
RN   162240-56-4 REGISTRY
CN   1H-Imidazole-4-ethanaminium, .alpha.-carboxy-2,3-dihydro-N,N,N-trimethyl-2-
      thioxo-, inner salt (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   1H-Imidazole-4-ethanaminium, .alpha.-carboxy-2,3-dihydro-N,N,N-trimethyl-2-
      thioxo-, inner salt, (.+-.)-
OTHER NAMES:
CN   **DL-Ergothioneine**
DR   4756-85-8, 34319-64-7
MF   C9 H15 N3 O2 S
CI   COM
SR   CA
LC   STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, USPATFULL
             (*File contains numerically searchable property data)

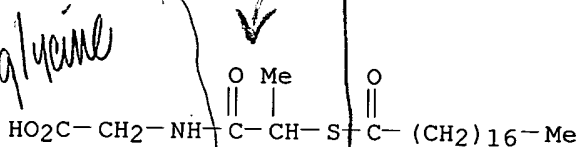   2 REFERENCES IN FILE CA (1962 TO DATE)
                    2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s mercaptopropionylglycine
L4   21 MERCAPTOPROPIONYLGLYCINE

=> d 14

RN   81075-20-9 REGISTRY
CN   Glycine, N-[1-oxo-2-[(1-oxooctadecyl)thio]propyl]- (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN   **S-Octadecanoyl-.alpha.-mercaptopropionylglycine**
FS   3D CONCORD
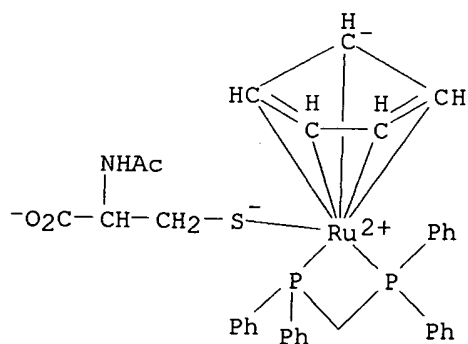MF   C23 H43 N O4 S
LC   STN Files: CA, CAPLUS

glycine

$$HO_2C-CH_2-NH-\overset{\overset{O}{\|}}{C}-\overset{\overset{Me}{|}}{CH}-S-\overset{\overset{O}{\|}}{C}-(CH_2)_{16}-Me$$

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

        1 REFERENCES IN FILE CA (1962 TO DATE)
        1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s N-acetylcystein
      4580574 N
           25 ACETYLCYSTEIN
L5   12 N-ACETYLCYSTEIN
             (N(W)ACETYLCYSTEIN)

=> d 15

RN   444941-08-6 REGISTRY
CN   **Ruthenate(1-), [N-acetylcysteinato(2-)-.kappa.S](.eta.5-2,4-
      cyclopentadien-1-yl][methylenebis[diphenylphosphine-.kappa.P]]-, hydrogen
      (9CI)   (CA INDEX NAME)**
MF   C35 H34 N O3 P2 Ru S . H
CI   CCS
SR   CA
LC   STN Files: CA, CAPLUS, CASREACT, TOXCENTER

H^+

        1 REFERENCES IN FILE CA (1962 TO DATE)
        1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s N-acetylcysteine

```
         4580574 N
         45 ACETYLCYSTEINE
L6       36 N-ACETYLCYSTEINE
            (N(W)ACETYLCYSTEINE)


=> d 16


L6    ANSWER 1 OF 36  REGISTRY  COPYRIGHT 2003 ACS
RN    163913-60-8  REGISTRY
CN    Deacetylase, N-acetylcysteine S-conjugate (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN    N-Acetyl-L-cysteine conjugate N-deacetylase
MF    Unspecified
CI    MAN
SR    CA
LC    STN Files:   CA, CAPLUS, TOXCENTER


*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
            3 REFERENCES IN FILE CA (1962 TO DATE)
            3 REFERENCES IN FILE CAPLUS (1962 TO DATE)


=> d 16 10-11


L6    ANSWER 10 OF 36  REGISTRY  COPYRIGHT 2003 ACS
RN    70703-17-2  REGISTRY
CN    L-Cysteine, N-acetyl-S-(benzo[a]pyren-6-ylmethyl)- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    Benzo[a]pyrene, L-cysteine deriv.
OTHER NAMES:
CN    S-(Benzo[a]pyrenyl-6-methyl)-N-acetylcysteine
FS    STEREOSEARCH
MF    C26 H21 N O3 S
LC    STN Files:   CA, CAPLUS, TOXCENTER

Absolute stereochemistry.
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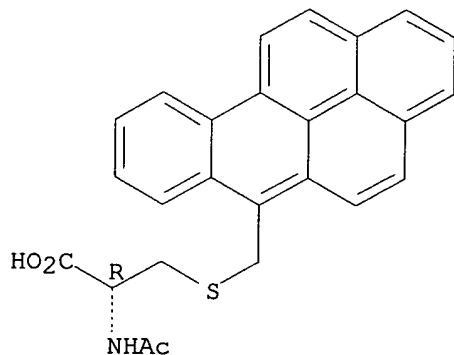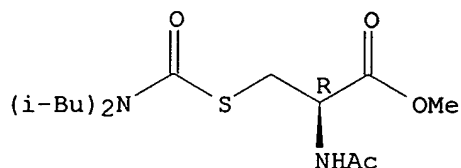


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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**


            1 REFERENCES IN FILE CA (1962 TO DATE)
            1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L6    ANSWER 11 OF 36  REGISTRY  COPYRIGHT 2003 ACS
RN    63626-77-7  REGISTRY
CN    L-Cysteine, N-acetyl-, methyl ester, bis(2-methylpropyl)carbamate (ester)
      (9CI)   (CA INDEX NAME)
OTHER NAMES:
CN    S-(N,N-Diisobutylcarbamoyl)-N-acetylcysteine methyl ester
FS    STEREOSEARCH
MF    C15 H28 N2 O4 S
LC    STN Files:   BEILSTEIN*, CA, CAPLUS, TOXCENTER
```

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

                1 REFERENCES IN FILE CA (1962 TO DATE)
                1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s penicillamine
L7   77 PENICILLAMINE
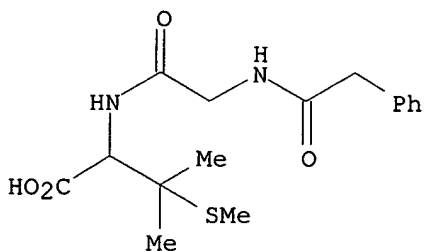
=> d 17

L7   ANSWER 1 OF 77   REGISTRY   COPYRIGHT 2003 ACS
RN   417706-31-1   REGISTRY
CN   **Chirex (D) Penicillamine (9CI)**   (CA INDEX NAME)
ENTE A chiral stationary phase (Phenomenex, Aschaffenburg, Germany)
MF   Unspecified
CI   MAN
SR   CA
LC   STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
                1 REFERENCES IN FILE CA (1962 TO DATE)
                1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d 17 50

L7   ANSWER 50 OF 77   REGISTRY   COPYRIGHT 2003 ACS
RN   40435-02-7   REGISTRY
CN   Valine, 3-(methylthio)-N-[N-(phenylacetyl)glycyl]- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   DL-Valine, 3-(methylthio)-N-[N-(phenylacetyl)glycyl]-
OTHER NAMES:
CN   **N-Phenaceturoyl-S-methyl-DL-penicillamine**
MF   C16 H22 N2 O4 S
LC   STN Files: BEILSTEIN*, CA, CAPLUS
          (*File contains numerically searchable property data)

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

                1 REFERENCES IN FILE CA (1962 TO DATE)

=>